

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000149.D
 Acq On : 26 Sep 2019 13:31
 Operator : SY/MD
 Sample : VY0926SBL01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0926SBL01

Quant Time: Sep 26 14:53:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	182505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	322379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	270460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	114692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	84068	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.72	113	82729	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	10.18	98	360919	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.48	95	112730	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	

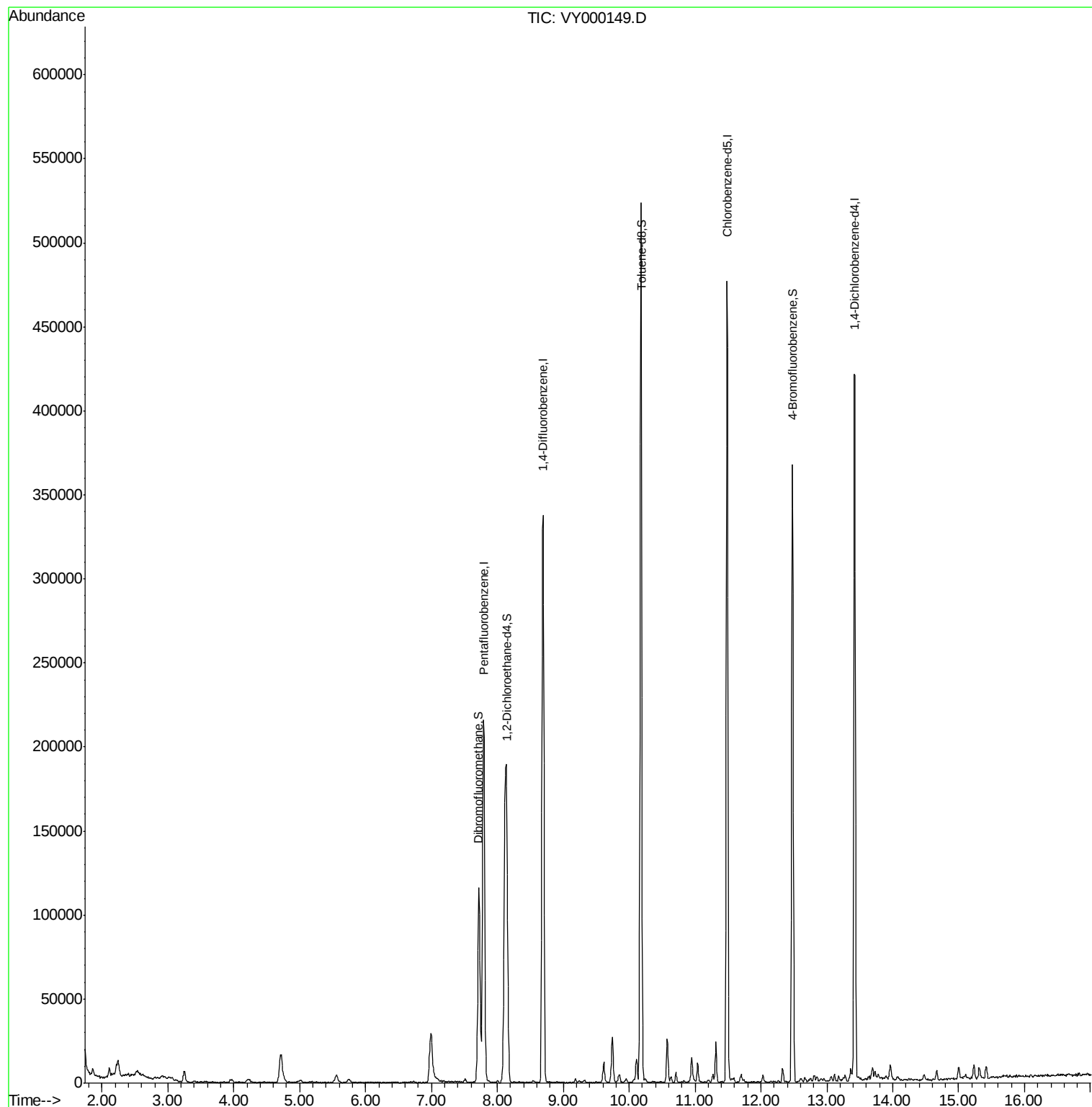
Target Compounds	Qvalue

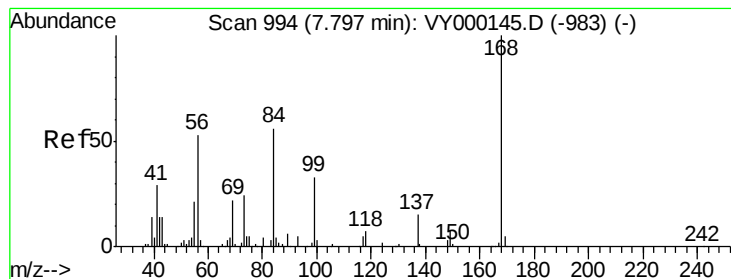
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
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Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:30:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000149.D

Acq: 26 Sep 2019 13:31

Instrument :

MSVOA_Y

ClientSampleId :

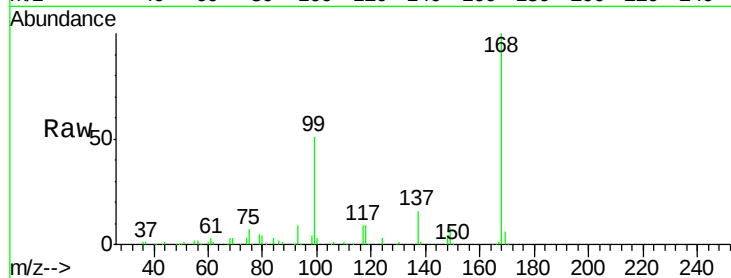
VY0926SBL01

Tot Ion:168 Resp: 182505

Ion Ratio Lower Upper

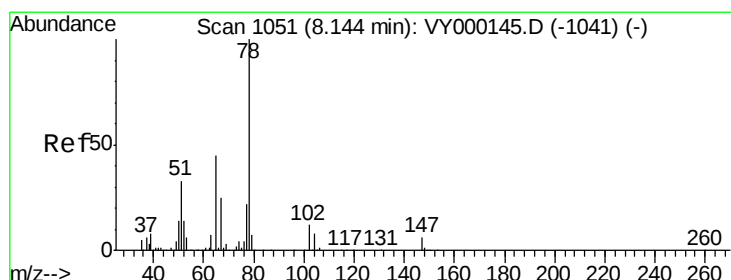
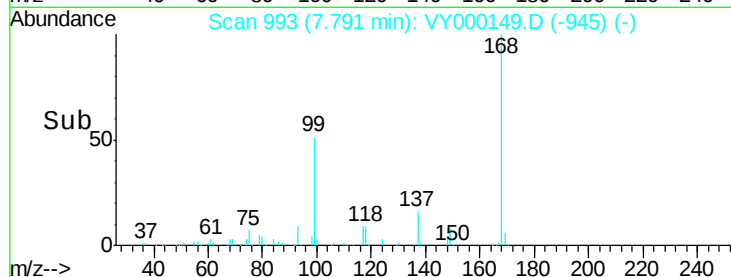
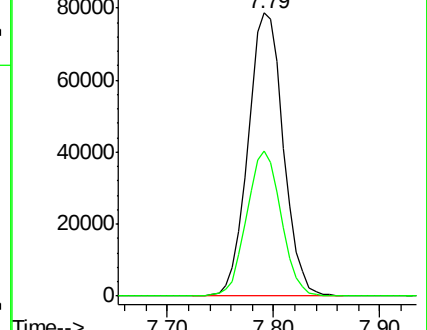
168 100

99 51.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000149.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY000149.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.598 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY000149.D

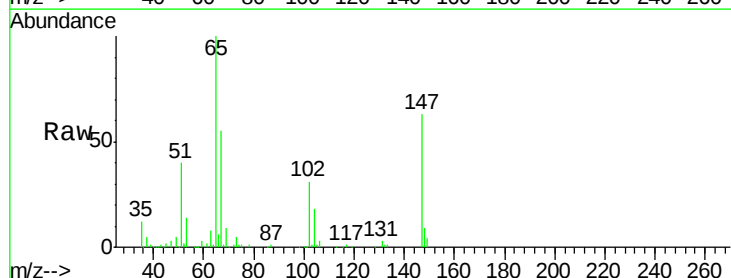
Acq: 26 Sep 2019 13:31

Tgt Ion: 65 Resp: 84068

Ion Ratio Lower Upper

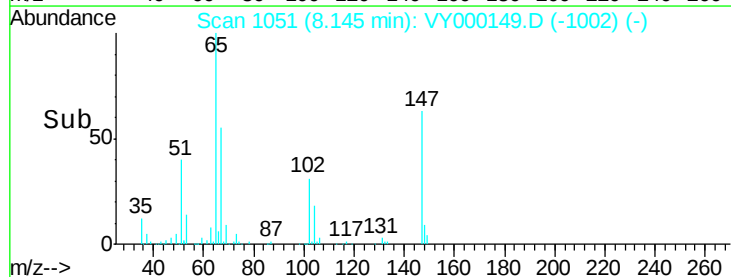
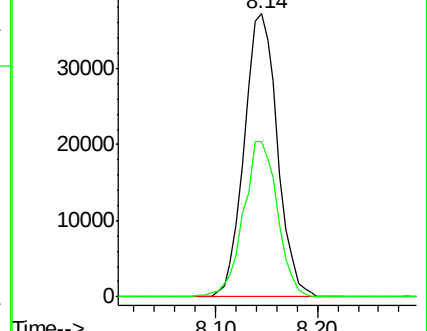
65 100

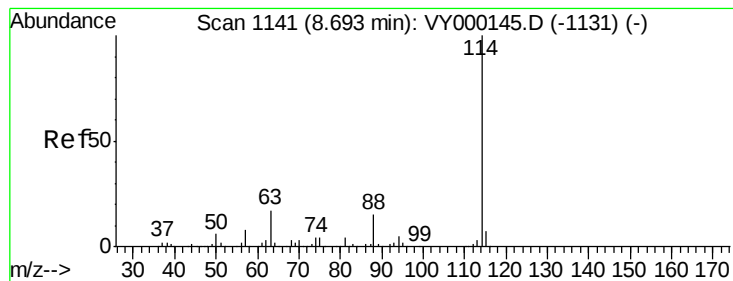
67 56.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY000149.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY000149.D (-1002) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000149.D

Acq: 26 Sep 2019 13:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0926SBL01

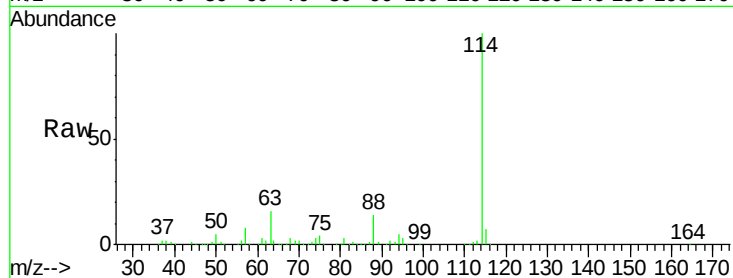
Tot Ion:114 Resp: 322379

Ion Ratio Lower Upper

114 100

63 15.8 0.0 34.6

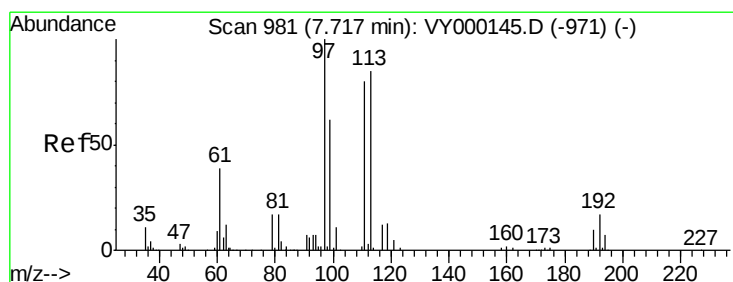
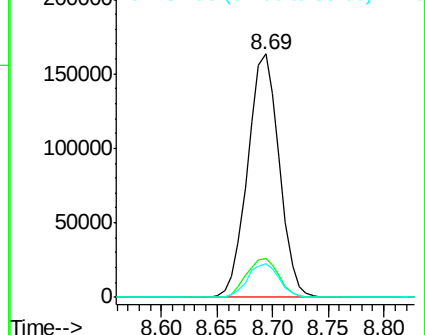
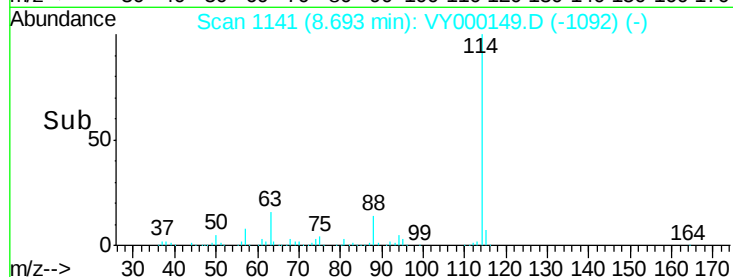
88 14.0 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 49.002 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY000149.D

Acq: 26 Sep 2019 13:31

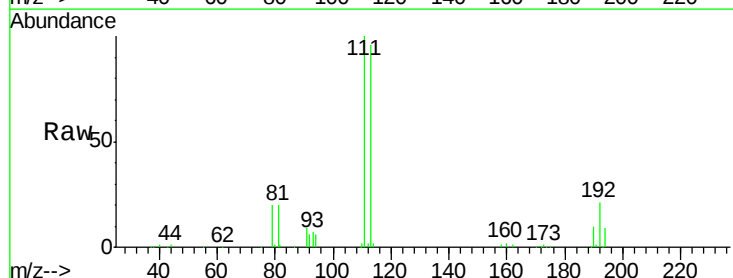
Tgt Ion:113 Resp: 82729

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

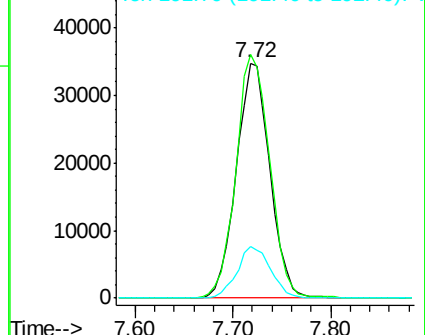
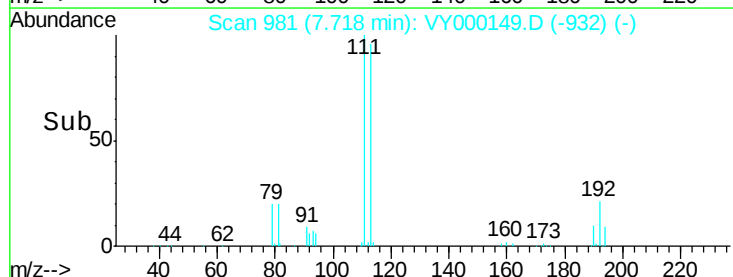
192 22.2 17.3 25.9

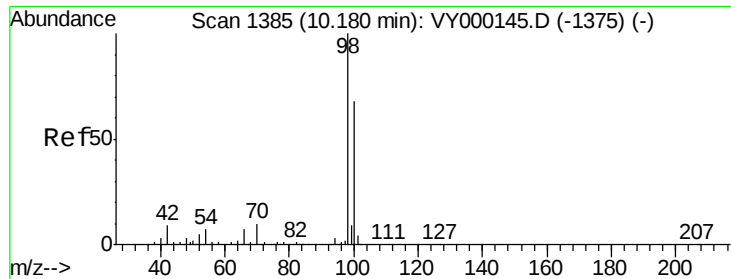


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.519 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000149.D

Acq: 26 Sep 2019 13:31

Instrument :

MSVOA_Y

ClientSampleId :

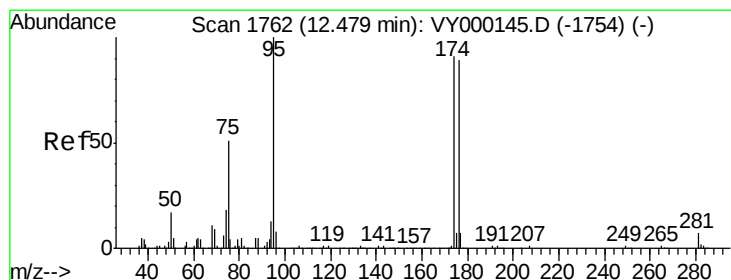
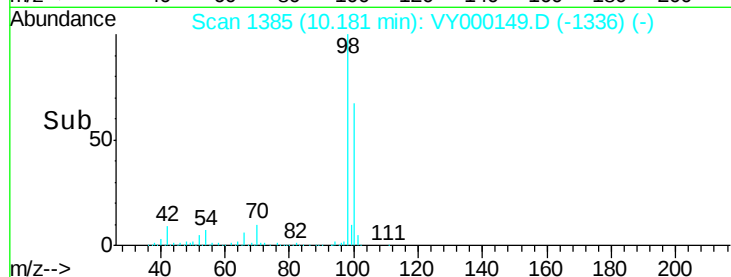
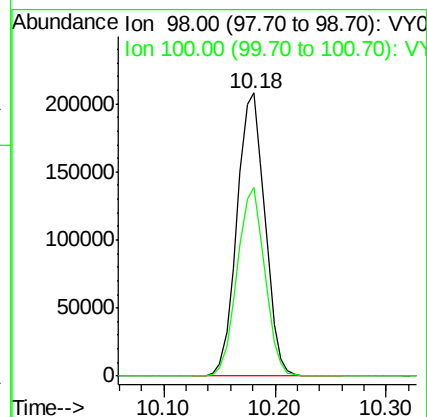
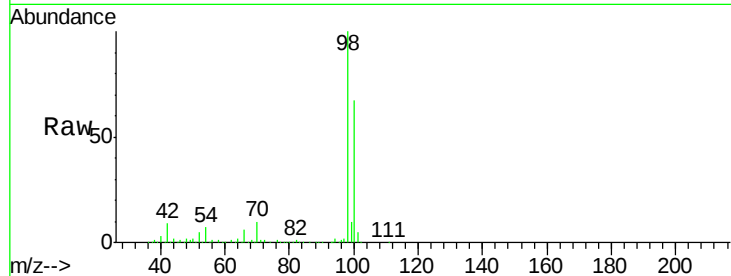
VY0926SBL01

Tot Ion: 98 Resp: 360919

Ion Ratio Lower Upper

98 100

100 65.9 54.2 81.2



#62

4-Bromofluorobenzene

Concen: 43.291 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000149.D

Acq: 26 Sep 2019 13:31

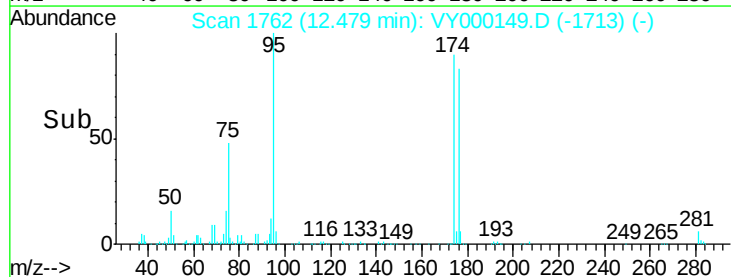
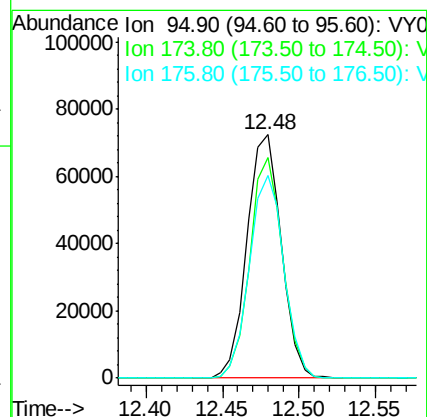
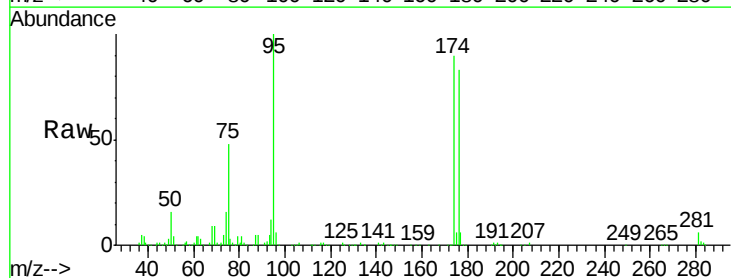
Tgt Ion: 95 Resp: 112730

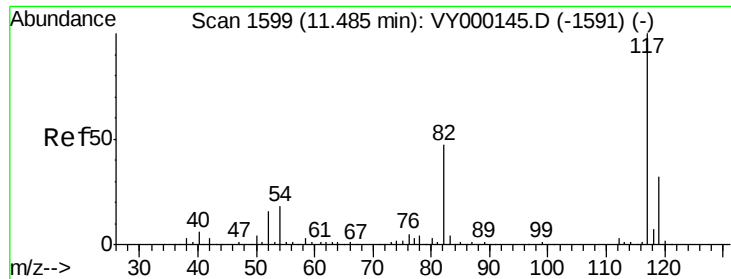
Ion Ratio Lower Upper

95 100

174 86.7 0.0 180.6

176 83.6 0.0 171.6

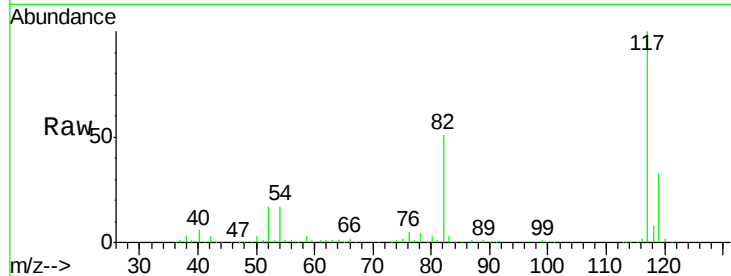




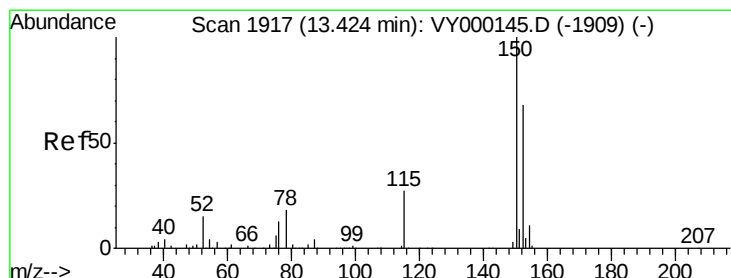
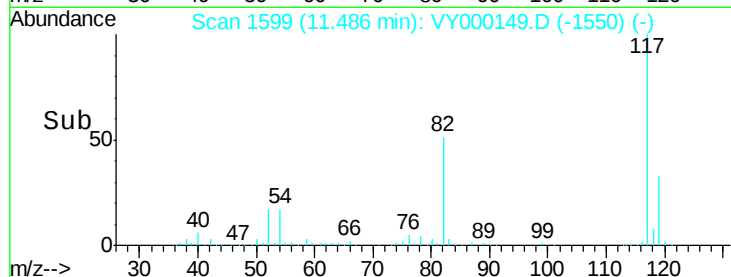
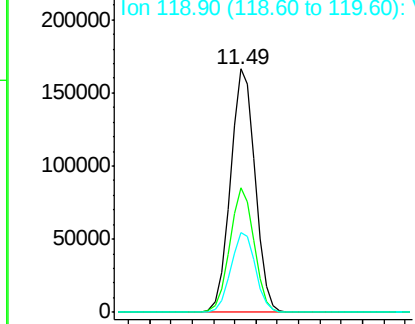
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000149.D
Acq: 26 Sep 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0926SBL01

Tot Ion:117 Resp: 270460
Ion Ratio Lower Upper
117 100
82 51.2 37.7 56.5
119 32.6 25.4 38.2

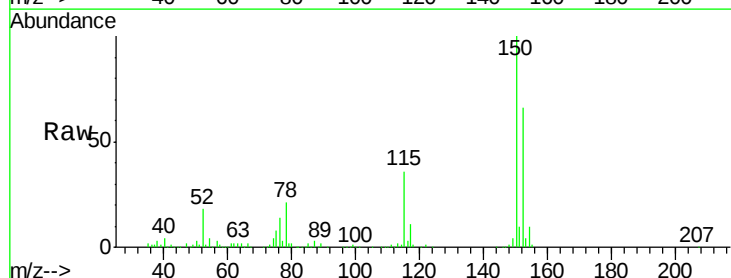


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000149.D
Acq: 26 Sep 2019 13:31

Tgt Ion:152 Resp: 114692
Ion Ratio Lower Upper
152 100
115 56.6 26.8 80.4
150 157.8 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

